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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/624,707	07/25/2000	Jon Ebbe Brelin	SONY/12601	6813
28960	7590	08/03/2005	EXAMINER	
HAVERSTOCK & OWENS LLP			HARPER, KEVIN C	
162 NORTH WOLFE ROAD			ART UNIT	
SUNNYVALE, CA 94086			PAPER NUMBER	
			2666	

DATE MAILED: 08/03/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

09/624,707

Applicant(s)

BRELIN, JON EBBE

Examiner

Kevin C. Harper

Art Unit

2666

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 27 December 2004.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-5, 7 and 9-27 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 11-16 is/are allowed.
- 6) ☒ Claim(s) 1, 2, 7, 17-20, 22, 23 and 25 is/are rejected.
- 7) ☒ Claim(s) 3-5, 9, 10, 21, 24, 26 and 27 is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 27 December 2004 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |   |   |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)             | 4) <input checked="" type="checkbox"/> Interview Summary (PTO-413)          |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)    | Paper No(s)/Mail Date. <u>20050727</u> .                                    |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| Paper No(s)/Mail Date _____   | 6) <input type="checkbox"/> Other: _____                                    |

### ***Response to Arguments***

Applicant's arguments, filed December 27, 2004 have been fully considered and are persuasive. Therefore, the rejection has been withdrawn. However, upon further consideration, a new ground of rejection is made in view of Tokuhiro in view of Ludtke, and the indicated allowability of claims 8, 17 and 18 is withdrawn.

### ***Drawings***

Replacement drawings were received on December 27, 2004. These drawings are acceptable.

### ***Claim Rejections - 35 USC § 103***

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 1-2, 7, 17-20, 22-23 and 25 are rejected under 35 U.S.C. 103(a) as being unpatentable over Tokuhiro (US 6,088,364) in view of Ludtke (US 6,237,049).

1. Regarding claims, 1-2, 7, 17-20, 22-23 and 25, Tokuhiro discloses a system for transmission of asynchronous AV/C command and response data over an IEEE 1394 serial bus (fig. 1; col. 3, lines 18-26; fig. 4, step S4; note: asynchronous transmission as standardized by IEEE 1394). The system comprises a control device with features (fig. 3; col. 7, lines 40-47) in communication with a standard IEEE 1394 serial bus, where the control device generates

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command data packets each with control data fields (fig. 10), and a target device (fig. 3) for receiving the command data packets (col. 7, lines 47-52) and generating a response data stream comprising a target data field having a signature of features implemented at the target device (col. 7, lines 51-54).

2. However, Tokuhiro does not disclose that the control data fields comprise extended fields for supporting control device features. Ludtke discloses extended fields for supporting control device features, including extension field quantity (fig. 3C, items 334 and 336; col. 11, lines 32-35; col. 1, lines 35-40; note: the control information is transmitted over a 1394 serial bus having standardized packets). The supported features of the target device and the control device are kept on the control device (col. 11, lines 36-40). The target device is a video recorder, or a video screen and an input device (fig. 2B, items 10-13). Therefore, it would have been obvious to one skilled in the art at the time the invention was made to provide device features in extended data in the invention of Tokuhiro in order to communicate new feature information within an IEEE 1394 network (Ludtke, col. 2, lines 49-57).

***Allowable Subject Matter***

3. Claims 11-16 are allowed.

4. Claims 3-5, 9-10, 21, 24 and 26-27 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

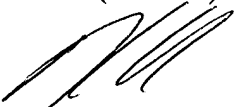
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***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Kevin Harper whose telephone number is 571-272-3166. The examiner can normally be reached weekdays from 11:00 AM to 7:00 PM ET.


If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Seema S. Rao, can be reached at 571-272-3174. The centralized fax number for the Patent Office is 571-273-8300. For non-official communications, the examiner's personal fax number is 571-273-3166 and the examiner's e-mail address is kevin.harper@uspto.gov.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications associated with a customer number is available through Private PAIR only. For more information about the PAIR system, see portal.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Kevin C. Harper

July 27, 2005

  
DANG TON  
PRINCIPAL EXAMINER